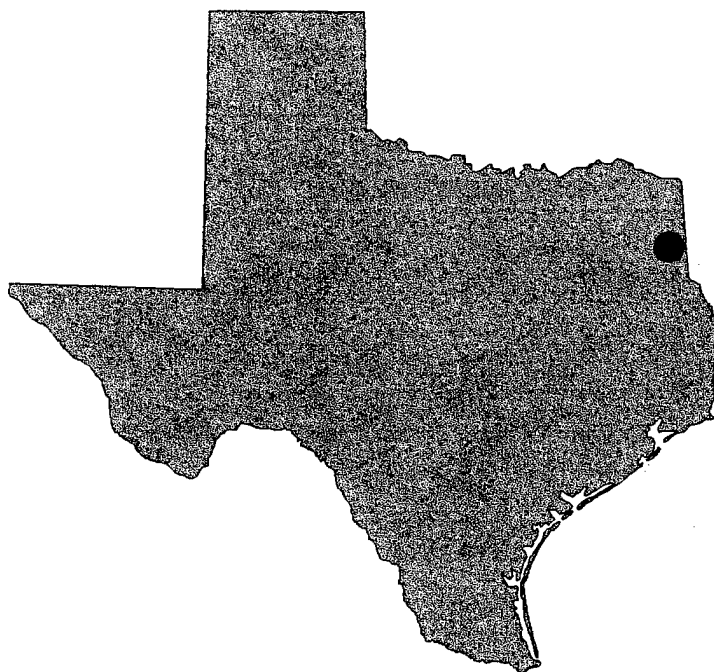


10037



# **COLLECTIONS SUMMARY FOR LONGHORN ARMY AMMUNITION PLANT, TEXAS**

**U.S. Army NAGPRA Compliance Project,  
Technical Report No. 24**



19990603 089

**Prepared for the  
U.S. Army Environmental Center,  
Environmental Compliance Division**

**by the  
U.S. Army Corps of Engineers,  
St. Louis District,  
*Mandatory Center of Expertise for the Curation and Management  
of Archaeological Collections***

# REPORT DOCUMENTATION PAGE

Form Approved  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave blank)

2. REPORT DATE

June 1995

3. REPORT TYPE AND DATES COVERED

Final June 1995

4. TITLE AND SUBTITLE

An Archaeological Collections Summary for Longhorn Army Ammunition Plant, Texas

5. FUNDING NUMBERS

6. AUTHOR(S)

U.S. Army Engineer District, St. Louis,  
Mandatory Center of Expertise for the Curation and Management of Archaeological Collections (MCX)

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)

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Mandatory Center of Expertise for the Curation and Management of Archaeological Collections (CELMS-PD-C)  
1222 Spruce Street, St. Louis, MO 63103

8. PERFORMING ORGANIZATION  
REPORT NUMBER

U.S. Army NAGPRA Compliance  
Project, NAGPRA  
Technical Report No.24

9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)

U.S. Army Environmental Center, Environmental Compliance Division  
(SFIM-AEC-ECN), Aberdeen Proving Ground, MD 21010-5401

10. SPONSORING / MONITORING  
AGENCY REPORT NUMBER

SFIM-AEC-EC-CR-96034

11. SUPPLEMENTARY NOTES

This research was supported in part by an appointment to the Research Participation Program at the St Louis District, U.S. Army Corps of Engineers administered by the Oak Ridge Institute for Science and Education through an interagency agreement between the U.S. Department of Energy and the St. Louis District, U.S. Army Corps of Engineers.

12a. DISTRIBUTION / AVAILABILITY STATEMENT

Approved for public release - distribution unlimited

12b. DISTRIBUTION CODE

A

13. ABSTRACT (Maximum 200 words)

The U.S. Army Environmental Center tasked the Mandatory Center of Expertise for the Curation and Management of Archaeological Collections (MCX) with the job of assisting the Army in complying with the Native American Graves Protection and Repatriation Act (NAGPRA), P.L. 101-601. The MCX was asked to locate and assess archaeological collections derived from Army lands, to identify the Native American or Native Hawaiian organizations culturally affiliated with the collections, and to draft Section 6 summary letters for each installation. A two-stage process was used to identify, locate and assess the contents of the collections, consisting of archival research and telephone interviews with the repository personnel. This report conveys the results of the collection research completed for the compliance with Section 6 of NAGPRA

14. SUBJECT TERMS

Archaeology; curation; cultural resources management; funerary objects; Native Americans; NAGPRA; Longhorn Army Ammunition Plant

15. NUMBER OF PAGES

22

16. PRICE CODE

17. SECURITY CLASSIFICATION  
OF REPORT

Unclassified

18. SECURITY CLASSIFICATION OF THIS  
PAGE

Unclassified

19. SECURITY CLASSIFICATION  
OF ABSTRACT

Unclassified

20. LIMITATION OF ABSTRACT

UL

**AN ARCHAEOLOGICAL COLLECTIONS SUMMARY  
FOR  
LONGHORN ARMY AMMUNITION PLANT, TEXAS**

**Information Provided for Compliance with the  
Native American Graves Protection and Repatriation Act  
Section 6 Summary**

**Prepared for the  
U.S. Army Environmental Center,  
Environmental Compliance Division  
Aberdeen Proving Ground, Maryland**

**By  
U.S. Army Corps of Engineers,  
St. Louis District,  
Mandatory Center of Expertise for the  
Curation and Management of Archaeological Collections,  
U.S. Army NAGPRA Compliance Project,  
Technical Report No. 24**

**June 1995**

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## OBJECTIVES AND METHODS

The U.S. Army Environmental Center (AEC) tasked the Mandatory Center of Expertise for the Curation and Management of Archaeological Collections (MCX) with the job of assisting Army installation personnel in complying with the requirements of the Native American Graves Protection and Repatriation Act (P.L. 101-601, NAGPRA). The MCX was asked to locate and assess archaeological collections derived from Army-owned lands, to identify the federally recognized Native American tribes most likely culturally affiliated with the collections, to draft Section 6 Summary letters for each installation, and to conduct physical inventories of any collections that contain human skeletal remains. This report conveys the results of the collections research completed to assist the Longhorn Army Ammunition Plant (LAAP) in complying with the Section 6 Summary requirements of NAGPRA.

The MCX used a two-stage process to identify, locate, and assess the contents of archaeological collections from the installation. First, archival research was performed to review all archaeological site records and reports for the installation. Second, telephone interviews were conducted with personnel at installations, universities, museums, and archaeological contractors that were identified during the archival research as possible repositories of Army collections.

Archival research for the LAAP began with a search of the National Archeological Data Base (NADB) for references pertaining to the installation. This was followed by a thorough examination of all archaeological site forms and a literature review of all pertinent archaeological reports and manuscripts on file at the Texas Archaeological Research Laboratory (TARL) at the University of Texas, and at the Texas Historical Commission, both located in Austin, Texas. The records search was performed in March 1995 and sought to identify any work on the installation that may have produced archaeological collections.

Subsequent telephone interviews to potential collections repositories ascertained whether the materials were present and the range of objects in each collection. Once the collections were located and assessed, MCX personnel identified federally recognized Native American tribes that are likely to be culturally affiliated with the materials in the collections. Draft Section 6 Summary letters are enclosed for each of these tribes (Appendix I), as well as a listing of the current tribal chairperson (Appendix II).

---

## RESEARCH RESULTS

### ARCHAEOLOGICAL INVESTIGATIONS AT LAAP

Archaeological investigations on lands currently occupied by the LAAP started in 1935. These investigations have been continued by various individuals or institutions up through the present. This report, however, will only address those investigations which occurred after the U.S. Army took possession of the land in 1941 (a brief summary of prior investigations has been included in Appendix VI). Beginning in 1968, four groups performed archaeological investigations that included the collecting of artifacts:

Geo-Marine Inc., Plano, Texas  
Southern Methodist University, Dallas, Texas  
Texas Archaeological Research Laboratory (TARL), University of Texas,  
Austin, Texas, and  
U.S. Army Corps of Engineers, Fort Worth, Texas.

A fifth investigator, Archaeological Assessments, Inc. of Nashville, Arkansas, made no artifact collections, but produced a sizeable amount of documentation resulting from a historic cemetery survey.

Investigations consisted of systematic surveys, test excavations, and excavations to mitigate adverse effects on sites where necessary for the installation's mission.

### SUMMARY OF ARCHAEOLOGICAL COLLECTIONS

At present, an unknown volume of boxed artifactual materials and associated documentation has been identified for the LAAP. The artifacts recovered include historic materials such as glass, ceramics, metal, cement, brick, animal bones, seeds, wood, and foundation stones. Prehistoric artifacts included stone waste flakes, stone tools, fire-cracked rock, ceramics, and animal bone.

The attached *Summary of Current Locations of Archaeological Collections from Longhorn Army Ammunition Plant* (Appendix III) provides detailed information about each collection derived as a result of archaeological investigations at the installation. A collection consists of all of the materials, artifacts and associated documentation (e.g., field notes, maps, photos, data analyses, correspondence), produced as a result of an archaeological investigation or project at a single site or multiple sites. In some cases, the same archaeological site may have

been investigated by various individuals or organizations. Depending on where the resulting collections are curated, they may be stored and identified as separate collections or separate components of a single collection. In cases where the artifacts and records have become separated, we list the records collections repository as well. Every attempt has been made to locate all collections cited on available archaeological site records or in published and unpublished references to archaeological investigations on the installation.

As of the date of this report, Longhorn AAP collections have been identified at a single repository: TARL, University of Texas, Austin, Texas. An unknown quantity of recently submitted Army-owned collections from Geo-Marine Inc. have not yet been processed by TARL, and until these objects have been officially inventoried and accepted for curation, the volume of materials is unknown.

### **Collections Not Located**

Archaeological Assessments Inc. has not yet been able to locate the documentation resulting from a historic cemetery survey conducted on the LAAP in 1984, although the records are believed to be at their office in Nashville, Arkansas. The repository listed on the official archaeological site forms, Northwestern State University, Natchitoches, Louisiana, has no record of ever receiving the materials in question.

Additionally, Southern Methodist University (SMU) conducted an investigation in 1968 at the LAAP (cited by Heartfield and Dieste 1985). Current staff at SMU could find no records or collections related to this survey and there are no site forms on file at the official records centers at TARL or at the Texas Historical Society. Sue Linder-Lindsey, the collections manager at SMU, stated that prior to 1970, it was not an uncommon practice for the investigating archaeologist to retain survey results, including any artifacts collected (telephone conversation 14 August 1995).

### **NAGPRA Related Materials**

No human remains, funerary objects, sacred objects or objects of cultural patrimony have been identified in the records for these collections. The final determination of sacred objects or objects of cultural patrimony may be established by the associated Native American tribes (if determined to be culturally affiliated and the objects meet the definitions and restrictions specified in NAGPRA) upon further deliberation.

## **REFERENCES TO ARCHAEOLOGICAL INVESTIGATIONS**

Three sets of references regarding archaeological work conducted on the LAAP are attached: Appendix IV contains the list of references reviewed by the MCX during its archival research; Appendix V is the list of references contained in the National Archeological Data Base (NADB). Appendix VI also contains a brief summary of work conducted on LAAP land prior to its purchase by the U.S. Army.

## **NATIVE AMERICAN TRIBES ASSOCIATED WITH LAAP**

According to Waldman (1988:33-34), the Caddo exclusively inhabited the area presently occupied by the Longhorn AAP. He defines the Caddo territory as stretching from the Red River Valley in Louisiana to the Brazos River in Texas and Arkansas. This information is further verified by Hudson (1976:5-6, Map 1), and the Indian Land Areas Judicially Established 1978 map (U.S.G.S. n.d.).

The Caddo are a federally recognized tribe.



## SECTION 6 COMPLIANCE

P.L. 101-601 (NAGPRA) requires that federal agencies engage in active consultation with Native Americans with federally recognized tribes and/or lineal descendants who may be culturally affiliated with the archaeological collections from the installation. Enclosed is a draft NAGPRA Section 6 Summary letter (Appendix I) and a list of the tribal chairpersons from the federally recognized tribes which may be culturally affiliated with the collections (Appendix II).

Initial consultation should be conducted on a government-to-government basis. Refer to P.L. 101-601 (NAGPRA) for specifics on required Native American consultation and the legal definitions of items subject to NAGPRA.

## REFERENCES CITED

Heartfield, L. and T. Dieste

1985 *An Archeological Overview and Management Plan for the Longhorn Army Ammunition Plant, Harrison County, Texas, Report No. 22.* Heartfield, Price and Greene, Inc..

Hudson, Charles

1976 *The Southeastern Indians.* University of Tennessee Press. Knoxville.

United States Geological Survey Map

n.d. *Indian Land Areas Judicially Established 1978.* Map prepared by the United States Geological Survey for the Indian Claims Commission, Reston, Virginia..

Waldman, Carl

1988 *Encyclopedia of Native American Tribes.* Facts on File Publications, New York, New York.

## **APPENDIX I**

### **DRAFT SECTION 6 SUMMARY LETTER FOR LONGHORN ARMY AMMUNITION PLANT, TEXAS**

[Installation Header]

Noah Frank, Chairperson  
Caddo Tribal Council  
P.O. Box 487  
Binger, OK 73009

Dear Mr. Frank:

I am writing to inform you of collections held by Longhorn Army Ammunition Plant (LAAP) that may contain Native American cultural items, as defined by the Native American Graves Protection and Repatriation Act (NAGPRA), that are, or are likely to be, culturally affiliated with the Caddo. LAAP has documented these archaeological collections in a Summary in accordance with the requirements of Section 6 of NAGPRA.

LAAP is responsible for collections generated from surveys and/or excavations conducted from 1968 to the present. The collections consisted of both historic and prehistoric materials. Historic collections included glass, ceramics, metal, seeds, wood, brick, cement, and foundation stones. Prehistoric collections included a variety of stone tools, stone waste flakes, ceramics, and animal bone. No human skeletal remains or associated funerary objects were identified in our review of the collections documentation.

We are notifying the Caddo because some of these materials were found in the area thought to be part of the territory occupied or used aboriginally by the Caddo. In accordance with Section 6 of NAGPRA, we are inviting you to consult with us regarding these archaeological collections. Upon your written request, we will provide you access to review our records, catalogues, relevant studies, or other pertinent data for the purpose of determining the geographic origin, cultural affiliation, and basic facts surrounding acquisition and accession of these collections.

Please feel free to contact [Installation POC] regarding any of these issues at [telephone number, address].

To facilitate discussions between the LAAP and the Caddo on these matters, please forward the name and method of contacting your tribal representative, traditional religious leader, or preferred NAGPRA point of contact. We look forward to working with you.

Sincerely,

[Commander's signature]

CF:	MACOM	Commander, U.S. Army Materiel Command ATTN: AMCEN-ER (Maria Chuck Longo) 5001 Eisenhower Avenue Alexandria, VA 22333
	USAEC	Commander, US Army Environmental Center ATTN: SFIM-AEC-EC (Guldenzopf) Aberdeen Proving Ground, MD 21010-5401
	MCX	Commander, US Army Corps of Engineers ATTN: CELMS-PD-C (Trimble) 1222 Spruce Street St. Louis, MO 63103-2833

## **APPENDIX II**

### **NATIVE AMERICAN POINTS OF CONTACT FOR LONGHORN ARMY AMMUNITION PLANT, TEXAS**

#### **FEDERALLY RECOGNIZED TRIBES**

##### **Caddo:**

Noah Frank, Chairperson

Caddo Tribal Council

P.O. Box 487

Binger, OK 73009

Phone (405) 656-2344

## APPENDIX III

### SUMMARY OF CURRENT LOCATIONS OF ARCHAEOLOGICAL COLLECTIONS FROM LONGHORN ARMY AMMUNITION PLANT, TEXAS

All collections information has been entered into a Paradox data base file and can be queried by any of the fields listed below, as well as by the name of the installation and by MACOM. The data base will be delivered by the MCX to the U.S. Army Environmental Center upon completion of the U.S. Army NAGPRA Compliance Project. Inquiries for additional information are welcome (MCX: 314-331-8865; U.S. Army Environmental Center NAGPRA Compliance Project: 410-671-1573). The data fields listed in the summary of collections contain the following information:

REPOSITORY:	The current location in which the collection is stored, as of the date of this report.
REPOSITORY POC:	The person contacted by the MCX, or the person to whom inquiries regarding the collection should be addressed.
TELEPHONE:	The telephone number for the repository POC.
COLLECTION ID:	The identifying unit used by the repository to store and/or locate the collection. This can be a unique accession number assigned by the repository, the archaeological site number or project name, the name of the collector of the collection, or another number or name assigned by the repository.
SITE NUMBERS:	The official site number or name only for those sites from which materials were collected. An investigator may have performed work at additional sites but did not collect any materials. Those site numbers are not included in this field.
FIELDWORK DATES:	The date(s) during which the investigation(s) occurred. This information is provided to differentiate between projects that may have investigated the same site repeatedly.
EXCAVATOR/COLLECTOR:	The individual and/or organization that conducted the investigation.

**COLLECTION SIZE:** The volume or number of objects in a collection, estimated by the repository POC or from project reports.

**DESCRIPTION OF MATERIALS:** General material classes of the objects in the collection derived from data provided on site records, in references, and/or by the Repository POC.

**ANTIQUITY/ARCH. PERIOD:** Chronological or cultural-historical designations recorded on site records or in references specific to the collection.

**CULTURAL AFFILIATION:** This column contains only those ethnic identifications found in the site records or references specific to the collection. This field is left blank if no such information was recorded.

**BASIS OF DETERMINATION:** Documents the source of the cultural affiliation information (e.g., site record, oral testimony, reference).

**SECTION 5 MATERIALS:** Describes the number and kind of human skeletal remains and associated funerary objects in the collection, as indicated by the site records, references, repository management documents, or information from repository POC. If these materials are present or are suspected to be present, NAGPRA Section 5 requires a physical inventory of the materials.

## Summary of Current Location of Archaeological Collections F

As of July 1995

Repository	Repository POC	Telephone	Collection ID	Site Numbers	Fieldwork Dates	Excavator
Northwestern State University, Natchitoches, Louisiana or at Archaeological Assessments, Inc., Nashville, Arkansas	Dr. Gregory	(318) 357-4364	Historic Cemetary Survey LAAP	41HS270	Mar 7, 1984	Jack Benn
Texas Archaeological Research Laboratory (TARL), Pickle Research, Building 5, University of Texas at Austin, Texas	Darrell Creel	(512) 471-6007	Not Yet Assigned; Geo-Marine 1995 Submittal	41HS240, 241, 395, 396, 402-412, 432-438, 482-486, 539-540	Oct. 30, 1979; Mar. 7, 1984; May 11, 1988; Oct. 11 - Nov. 17, 1989; May 2, 7-12, 1991; Feb. 2-19, 1992; Oct. 25, 1993	Hayner, Pe Thurmond, Kent, Geor Steve Gaiti Hunt, S.K. Erwin Roer



Current Location of Archaeological Collections From: Longhorn Army Ammunition Plant, Texas [AMC]

As of July 1995

Numbers	Fieldwork Dates	Excavator/Collector	Collection Size	Description of Materials	Antiquity/Archaeological Period	Cultural Affiliation
	Mar 7, 1984	Jack Bennett	< 1 linear ft.	Documentation	Historic Unknown	Historic American Unknown
5, 396, 402-412, 539-540	Oct. 30, 1979; Mar. 7, 1984; May 11, 1988; Oct. 11 - Nov. 17, 1989; May 2, 7-12, 1991; Feb. 2-19, 1992; Oct. 25, 1993	Hayner, Pete Thurmond, Floyd Kent, George Brown, Steve Gaither, S. Hunt, S.K. Edwards, Erwin Roemer	Unknown at this Time	Prehistoric Lithics, Ceramics, Animal Bone; Historic Foundation Stones, Glass, Ceramics, Brick, Metal, Seeds, Cement, Wood & Associated Documentation	Prehistoric Unknown, Late Paleo - Early Archaic, Mid-Caddoan; Historic Unknown, 1878-1986	Prehistoric Unknown, Caddo; Historic American Unknown

Materials	Antiquity/Archaeological Period	Cultural Affiliation	Basis of Determination	Section 5 Materials
	Historic Unknown	Historic American Unknown	Site Forms	
amics, Animal on Stones, Metal, Seeds, dated	Prehistoric Unknown, Late Paleo - Early Archaic, Mid-Caddoan; Historic Unknown, 1878-1986	Prehistoric Unknown, Caddo; Historic American Unknown	Site Forms	

## APPENDIX IV

### MCX LIST OF REFERENCES

In addition to the references reviewed by MCX personnel at the archaeological site information center, every attempt was made to obtain references cited but not on file. Information taken from these references was coded for data relating to collections made from sites located on installation property (see attached sample of PD-C Bibliographic Data Sheet form) and entered into a data base for ease of manipulation.

Report titles were drawn directly from the title page of reports, and consist of the following fields:

FIELD	DATA ENTERED
Subject Property	Army Installation name
Last Name	Primary author's last name
First Name	Primary author's first name
Middle Initial	Primary author's middle initial
Secondary Authors	Names of secondary authors, <i>or</i> in instances where the author is a company rather than an individual, the company name is listed here
Title	Title of the reference. For letter reports, the person or agency to whom the correspondence is addressed is listed as the title.
Series	If the report is part of a publication series, the name and number are provided here.
Date	Date of publication or submission
Length	Report length in pages
Contract Number	Contract number and delivery order number, if applicable

The data for the next three fields are drawn directly from the report title page and reflect the hierarchy of contracting agencies involved in accomplishing the work. In some cases, the sponsoring agency is listed as the Army installation; in others, the intermediary contracting agent, (e.g., the Army Corps of Engineers or the National Park Service) is listed as the Sponsoring Agency.

Sponsoring Agency	Agency for which the report was prepared
Contractor	The agent contracted to perform the work
Subcontractor	The agent subcontracted to perform the work

The majority of the citations for archaeological investigations on Army land refer to unpublished reports prepared under contract with federal agencies, consequently the MCX printout was designed to address these reports. In instances where the author is a company rather than an individual, the company name is listed in the Secondary Authors field (due to the length of the field). For published references, the publisher is listed in the Sponsoring Agency field.

Page \_\_\_\_ of \_\_\_\_

Fieldwork  
Page \_\_\_\_ of \_\_\_\_

NADB No.

PD-C Collection No.

## PD-C Bibliography Data Sheet

Date: \_\_\_\_\_

Information obtained by: \_\_\_\_\_

**PD-C Project:**

**Subject Property:**

**Repository (name and location):**

**Record Collection Name/Number:**

**Report Date and Length (in pages):**

**Author(s):**

**Title:**

**Contractor/Address or Publisher/Address (city, state):**

**Subcontractor/Address (city, state):**

**Report Series and Number:**

**Contract/Purchase Order Number(s):**

**Sponsoring Agency/Address:**

**Project Name and Location:**

**Principal Investigator(s)/Director(s):**

**Fieldwork Dates:**

**Type of Investigation (e.g., survey, testing, mitigation):**

PD-C Bibliography Data Sheet (continued)

*Site Numbers:*

*Archaeological Period (e.g., Hohokam, Mississippian):*

*Material Classes (range):*

*Artifact Collections and Locations:*

*Approximate Size of Collections (e.g., number of objects):*

*Record Collections and Locations:*

*NAGPRA Materials (Check if present)*

Human Skeletal Remains \_\_\_\_\_

Objects

Associated Funerary \_\_\_\_\_

Unassociated Funerary \_\_\_\_\_

Sacred \_\_\_\_\_

Cultural Patrimony \_\_\_\_\_

Human Skeletal Remains Data Sheet ☐  
Number of Attached Sheets \_\_\_\_\_

Object Data Sheet ☐  
Number of Attached Sheets \_\_\_\_\_

*Cultural Affiliation(s):*

*Basis for Affiliation Determination (e.g., geographic location, burial practices):*

*Comments:*

**MCX List of References for Longhorn Army Ammunition Plant [AMC] as of July 1995**

**Subject property :** Longhorn Army Ammunition Plant, TX

**Last name :**

**First name :**

**Middle Initial :**

**Secondary Authors :**

**Title :** A Cultural Resources Survey of a 400 Acre Tract at the Longhorn Army Ammunition Plant, Harrison County, Texas.

**Series :**

**Date :** no date

**Length :** 9

**Contract Number :** DACA63-88-D-0046, D.O. No. 13

**Sponsoring Agency :**

**Contractor :** Geo-Marine, Inc.

**Subcontractor :**

**Subject property :** Longhorn Army Ammunition Plant, TX

**Last name :**

**First name :**

**Middle Initial :**

**Secondary Authors :**

**Title :** Cultural Resources Survey to Locate Historic and Prehistoric Sites at Longhorn Army Ammunition Plant, Harrison County, Texas.

**Series :**

**Date :** no date

**Length :** 5

**Contract Number :** DACA63-88-D-0046, D.O. No. 7

**Sponsoring Agency :**

**Contractor :** Geo-Marine, Inc.

**Subcontractor :**

**Subject property :** Longhorn Army Ammunition Plant, TX

**Last name :**

**First name :**

**Middle Initial :**

**Secondary Authors :**

**Title :** Historic Properties Report, Longhorn Army Ammunition Plant, Marshall, Texas.

**Series :**

**Date :** Aug 1984

**Length :** 53

**Contract Number :** CX-0001-2-0033

**Sponsoring Agency :** National Park Service

**Contractor :** MacDonald & Mack Partnership

**Subcontractor :**

MCX List of References for Longhorn Army Ammunition Plant [AMC] as of July 1995

Subject property : Longhorn Army Ammunition Plant, TX

Last name : Cliff

First name : Maynard

Middle Initial : B.

Secondary Authors : Duane E. Peter, Sharlene N. Allday, Stephen P. Austin, Sherrian K. Edwards, Steve N. Gaither, Dayna B. Lee, Steven M. Hunt, Cynthia Stiles-Hanson

Title : Archeological Survey of Selected Portions of the Longhorn Army Ammunition Plant, Harrison County, Texas 1989-1992.

Series : Miscellaneous Report of Investigations Number 38

Date : Sept 1994

Length : 200

Contract Number : DACA63-88-D-0046

Sponsoring Agency : US Army Corps of Engineers-Fort Worth District, Fort Worth, TX

Contractor : Geo-Marine, Inc.

Subcontractor :

Subject property : Longhorn Army Ammunition Plant, TX

Last name : Cliff

First name : Maynard

Middle Initial : B.

Secondary Authors : Duane E. Peter, Steve M. Hunt, Floyd Kent, Melissa Green

Title : Draft: Archeological Survey of 1993 Timber Cutting Areas, Longhorn Army Ammunition Plant, Harrison County, Texas.

Series : Miscellaneous Report of Investigations Number 71

Date : April 1994

Length :

Contract Number : DACW63-90-D-0006, D.O. No. 12

Sponsoring Agency : US Army Corps of Engineers-Fort Worth District

Contractor : Geo-Marine, Inc.

Subcontractor :

Subject property : Longhorn Army Ammunition Plant, TX

Last name : Cliff

First name : Maynard

Middle Initial : B.

Secondary Authors : Floyd Kent

Title : A Cultural Resources Survey of the Proposed Treatment Area for Interim Remedial Action (IRA) at the Longhorn Army Ammunition Plant, Harrison County, Texas.

Series : Letter Report No. 10

Date : Dec 1993

Length : 11

Contract Number : DACA63-94-M-0223

Sponsoring Agency : US Army Corps of Engineers-Fort Worth District

Contractor : Geo-Marine, Inc.

Subcontractor :



MCX List of References for Longhorn Army Ammunition Plant [AMC] as of July 1995

Subject property : Longhorn Army Ammunition Plant, TX

Last name : Gibson

First name : Jon

Middle Initial : L.

Secondary Authors :

Title : Archaeological Survey at Caddo Lake, Louisiana and Texas.

Series : Number 6

Date : 1969

Length : 50

Contract Number : 931-217

Sponsoring Agency : National Park Services River Basin Salvage Programs

Contractor : Southern Methodist University of Texas contributions in Anthropology

Subcontractor :

Subject property : Longhorn Army Ammunition Plant, TX

Last name : Heartfield

First name : Lorraine

Middle Initial :

Secondary Authors : Tony Dieste

Title : An Archaeological Overview and Management Plan for the Longhorn Army Ammunition Plant, Harrison County, Texas.

Series : Final Report No. 22

Date : Jan 7, 1985

Length : 130

Contract Number : CX-5000-3-0771

Sponsoring Agency : Under contract with the National Park Service for the US Army Material Command

Contractor : Woodward-Clyde Consultants

Subcontractor : Heartfield, Price and Greene, Inc.

Subject property : Longhorn Army Ammunition Plant, TX

Last name : O'Neill

First name : Patrick

Middle Initial : L.

Secondary Authors :

Title : A Cultural Resource Survey of an Oil Well Pad at the Longhorn Army Ammunition Plant in Harrison County, Texas.

Series :

Date : April 1991

Length : 15

Contract Number : BLM Permit #45-2920-90-F

Sponsoring Agency : BLM, Tulsa District and Oklahoma Resource Area Office

Contractor : James E. Smith and Associates, Inc.

Subcontractor : Mariah Associates, Inc.

MCX List of References for Longhorn Army Ammunition Plant [AMC] as of July 1995

Subject property : Longhorn Army Ammunition Plant, TX

Last name : Roemer

First name : Erwin

Middle Initial :

Secondary Authors : Jay R. Newman

Title : A Cultural Resources Survey of Proposed Actions Related to Test Area Expansions, Longhorn Army Ammunition Plant, Harrison County, Texas.

Series :

Date : May 1988

Length : 25

Contract Number :

Sponsoring Agency : Commander, Longhorn AAP and The Commander U.S. Missile Command, Pershing Project Office

Contractor : US Army Corps of Engineers-Fort Worth District

Subcontractor :

Subject property : Longhorn Army Ammunition Plant, TX

Last name : Thurmond

First name : J.

Middle Initial : Peter

Secondary Authors :

Title : Archaeology of the Cypress Creek Drainage Basin; Northeastern Texas and Northwestern Louisiana.

Series : Studies in Archaeology 5

Date : 1990

Length : 250

Contract Number :

Sponsoring Agency : Texas Archaeological Research Laboratory, University of Texas at Austin

Contractor :

Subcontractor :

## **APPENDIX V**

### **NATIONAL ARCHEOLOGICAL DATA BASE REFERENCES FOR LONGHORN ARMY AMMUNITION PLANT, TEXAS**

No attempt has been made to edit the National Archeological Data Base format or to correct obvious errors.

Bennett, W. J. , Jr.

1983 Intensive Cultural Resources Survey of Selected Locations in the Longhorn Army Ammunition Plant, Carnack, Texas and Louisiana Army Ammunition Plant, Minden, Louisiana. U.S. Army Corps of Engineers. Submitted to U.S. Army Corps of Engineers.

Heartfield, L. and T. Dieste

1985 An Archeological Overview and Management Plan for the Longhorn Army Ammunition Plant, Harrison County, Texas. Report No. 22. Heartfield, Price and Greene, Inc..

Macdonald and Mack Partnership

1984 Historic Properties Report, Longhorn Army Ammunition Plant, Marshall, Texas. Macdonald and Mack Partnership.

Roemer, E. and J. Newman

1988 A Cultural Resources Survey of Proposed Actions Related to Test Area Expansions, Longhorn Army Ammunition Plant: Harrison County, Texas. Corps of Engineers, Fort Worth District.

## **APPENDIX VI**

### **PRE-ARMY SUMMARY OF INVESTIGATIONS FOR LONGHORN ARMY AMMUNITIONS PLANT, TEXAS**

Two pre-army cultural resource surveys were conducted on land currently occupied by Longhorn AAP that included the collecting of artifacts. These investigations were conducted by:

1. Edward F. Neild of Shreveport, Louisiana, in 1935, and
2. Ford, at the Mississippi Department of Archives, Bureau of American Ethnology, Smithsonian Institution, Washington, D.C., in 1936.

Mr. Neild has the 1935 collections in his possession, and the 1936 collections made by Ford are at the Louisiana State University, Baton Rouge, Louisiana (Heartfield & Dieste 1985). The contents of these collections are unknown.